AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended)   A method for synchronizing a receiver comprising the steps of:

tracking ~~the~~a received signal by a first receiver branch using a first tracking method with the signal being sampled at a first sampling time;

tracking a delayed version of the received signal by a second receiver branch using the first tracking method, the signal being sampled at a second sampling time;

detecting the delay between the received signal and a delayed version thereof;

comparing the delay with a pre-determined threshold and when the delay falls below the threshold, tracking the delayed version of the received signal by a second tracking method<u>; and</u>

<u>wherein the first and second tracking methods differ from each other in that for a common input the first and second tracking methods have at least partially different sampling instances.</u>

2. (Previously Presented)   A method according to claim 1, wherein the first tracking method tracks the rising edge of an impulse response estimate.

3. (Previously Presented)   A method according to claim 1, wherein the second tracking method tracks the falling edge of an impulse response estimate.

4. (Previously Presented)   A method according to claim 1, comprising: comparing a time difference with a second threshold when the time difference exceeds the second threshold, allocating a third receiver branch for sampling the received signal at a third sampling time other than the first and second sampling times.

5. (Previously Presented)   A method according to claim 4, wherein the third sampling time occurs at a pre-determined time from the first sampling time.

6. (Previously Presented)   A method according to claim 4, wherein the third sampling time is a sampling occurring at a pre-determined time, the predetermined time being before the second sampling time.

7. (Previously Presented)   A method according to claim 4, comprising allocating a fourth receiver branch for sampling the received signal at a fourth sampling time different from the first, second and third sampling times.

8. (Previously Presented)   A method according to claim 1, wherein the detecting the delay between the received signal and a delayed version thereof comprises a determination of a correlation between the received signal and a predefined code.

9. (Currently Amended)   A device for synchronizing a receiver comprising: a converter for sampling the received signal and a delayed version thereof, a first receiver branch for tracking the received signal using a first tracking method with the signal being sampled at a first sampling time, a second receiver branch for tracking a delayed version of the received signal using the first tracking method with the signal being sampled at a second sampling time, means for determining a delay between the received signal and a<u>the</u> delayed version thereof, means for comparing the time delay with a pre-determined threshold and means for changing the tracking method for a delayed version of the received signal to a second tracking method<u>; and</u>

<u>wherein the first and second tracking methods differ from each other in that for a common input the first and second tracking methods have at least partially different sampling instances</u>.

10. (Previously Presented)   A device according to claim 9, comprising means for comparing a time difference with a second threshold, and means for allocating a third receiver branch, when a time difference exceeds the second threshold, for sampling the received signal at a third sampling time different from the first and second sampling times.

11. (Previously Presented)   A device according to claim 10, comprising means for allocating a fourth receiver for sampling the received signal at a fourth sampling time other than the first, second and third sampling times.